

CLAIM LISTING

1. (Currently Amended) A method for identifying excess noise generated by one or more internal components of [[in]] a computer system for a speech recognition system comprising the steps of:

recording a silence sound sample during a period of inactivity of said internal components;

performing an excess noise test for one of said internal components, said excess noise test comprising a method of operating one of said internal components to test for excess noise which interferes with a speech recognition capability of the computer system;

~~second during said noise test, recording an isolated noise a component sound sample while operating a computer system component in isolation from other computer system components;~~

comparing the signal characteristics of said silence sound sample with signal characteristics of said ~~isolated noise component sound~~ sample; and,

~~attributing logging a result of the comparison of the signal characteristics of said isolated noise~~ silence sound sample and said component sound sample to said isolated computer component when said signal characteristics of said component sound ~~silence~~ sample differ by a preset threshold from said signal characteristics of said ~~isolated noise~~ silent sound sample.

2. (Currently Amended) A method according to claim 1, further comprising the steps of:

~~logging said signal characteristics of said silence sample and said isolated noise sample;~~

reporting excess noise from one of said internal components in response to logging said comparison result identified in said attributing step; and,
suggesting a remedy for said identified reported excess noise.

3. (Currently Amended) A method according to claim 1, further comprising the steps of:

~~creating~~ generating a list of said one or more internal computer system components of said computer to be tested for excess noise; and,

~~associating with~~ for each of said components in said list, designating a corresponding excess noise test method for testing said component for excess noise.

4. (Currently Amended) A method according to claim 2, further comprising the steps of:

~~creating~~ generating a list of one or more internal computer system components of said computer to be tested for excess noise;

~~first associating with~~ for each of said components in said list, designating a corresponding excess noise test method for testing said component for excess noise; and,

~~second associating with each component in said list and~~ a corresponding remedy for excess noise remedy identified in said corresponding component.

5. (Currently Amended) A method according to claim 3, ~~wherein said second recording step comprises for each computer system component in said created list of computer system components to be tested for excess noise, second recording an isolated noise sample while operating each said computer system component in said created list according to said corresponding method.~~ further comprising the steps of:

determining if one or more other internal components of said computer are still untested; and

repeating the steps of performing, recording, comparing, and logging for each of said other components still untested.

6. (Currently Amended) A method according to claim 4, ~~wherein said second recording step comprises for each computer system component in said created list of computer system components to be tested for excess noise, second recording an isolated noise sample while operating each said computer system component in said created list according to said corresponding method, and said suggesting step comprises suggesting said corresponding remedy for said identified excess noise in each said computer system component in said created list.~~ further comprising the steps of:

determining if one or more other internal components of said computer are still untested; and

repeating the steps of performing, recording, comparing, logging, reporting, and suggesting for each of said other components still untested.

7. (Currently Amended) A computer-readable storage medium, having stored thereon a computer program having a plurality of code sections, said code sections executable by a computer for causing the computer to perform the steps of: ~~A computer apparatus programmed with a routine set of instructions stored in a fixed medium, said computer apparatus comprising:~~

first means for recording a silence sound sample during a period of inactivity of internal components of a computer for a speech recognition system;

executing an excess noise test for one of said internal components, said excess noise test specifying a method of operating one of said internal components to test for excess noise which interferes with a speech recognition capability of the computer system;

~~second means for second during said noise test, recording an isolated noise a component sound sample while operating a computer system component in isolation from other computer system components;~~

~~means for comparing the signal characteristics of said silence sound sample with signal characteristics of said isolated noise component sound sample; and,~~

~~means for identifying logging a result of the comparison of the signal characteristics of said isolated noise silence sound sample and said component sound sample to said isolated computer component when said signal characteristics of said component sound silence sample differ by a preset threshold from said signal characteristics of said isolated noise silent sound sample.~~

8. (Currently Amended) A computer-readable storage medium apparatus according to claim 7, further comprising code sections for:

~~means for logging said signal characteristics of said silence sample and said isolated noise sample;~~

~~means for reporting excess noise from said one of said internal components in response to logging said comparison result identified in said attributing step; and,~~

~~means for suggesting a remedy for said identified reported excess noise~~

9. (Currently Amended) A computer-readable storage medium apparatus according to claim 7, further comprising code sections for:

generating a list of said one or more internal computer system components of said computer to be tested for excess noise; and,

~~test instructions corresponding to each said computer system component in said list.~~

for each of said components in said list, designating a corresponding excess noise test.

10. (Currently Amended) A computer-readable storage medium apparatus according to claim 8, further comprising code sections for:

generating a list of computer system one or more internal components of said computer to be tested for excess noise;

test instructions corresponding to each said computer system component in said list; and,

a plurality of suggested remedies for identified excess noise, each said suggested remedy corresponding to at least one of said computer system components in said list.

for each of said components in said list, designating a corresponding excess noise test and a corresponding remedy for excess noise remedy.

11. (Currently Amended) A computer-readable storage medium apparatus according to claim 9, further comprising code sections for:

~~wherein said second recording means comprises for each computer system component in said list of computer system components to be tested for excess noise, means for second recording an isolated noise sample while operating each said computer system component in said list according to said corresponding test instructions.~~

determining if one or more other internal components of said computer are still untested; and

repeating the steps of performing, recording, comparing, and logging for each of said other components still untested.

12. (Currently Amended) A computer-readable storage medium apparatus according to claim 10, further comprising code sections for:

~~, wherein said second recording means comprises for each computer system component in said list of computer system components to be tested for excess noise, means for second recording an isolated noise sample while operating each said computer system component in said list according to said corresponding test instructions, and said suggesting means comprises means for suggesting said corresponding suggested remedy for said identified excess noise in each said computer system component in said list.~~

determining if one or more other internal components of said computer are still untested; and

repeating the steps of performing, recording, comparing, logging, reporting, and suggesting for each of said other components still untested.